



Doeve Brokers/Valuars vof Sworn & EMCI Certificated Brokers & Valuers S&P Yachts & Ships

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IBAN NL82 INGB 0664 0466 73 CoC Rotterdam 24266857 VAT NL8214.04.520.B01

# **Tugboat Hero**

Dimensions (m)	15.06 x 3.72 x 1.69	Ref. no.	181103
Mooring	Near Terneuzen, Netherlands	Year	1930
		Material	steel

Doeve Makelaars

#### Vision Doeve Brokers

Fully renovated tug that has been well maintained and has a practical interior and wheelhouse. In the front there is the galley and a dinette (can also be converted into a 2-persons berth) as well as a bathroom with shower and an electric toilet. In the aft cabin there is a 2-persons berth and a closed room with electric toilet and a washbasin. She is a very charming tugboat with an air draft of 3.25 m. It is an unique boat for the real enthusiast.

## General information

General information	
Yard:	Shipyard Gebr. Barkmeijer, NL-Stroobos
Hull shape:	round bilged
Hull material:	steel
Deck material:	steel
Superstructure material:	steel
Construction method:	riveted
	rubbing strake around
	bulwark around
	wide side decks (gunnels)
	deckhouse
	4x bulkhead
Keel:	bilge keels
Steering system:	mechanical
	wheel
	steel rudder
Windows:	aluminium windows frames
	rubber window frames
Displacement (approx.):	maximum allowable displacement 43,930 m3
	displacement in empty condition 39,169 m3
	displacement 4,761 m3
Ballast (approx.):	trim ballast
Airdraft (approx.):	3,25 m everything down
Owner:	Dutch owner
Registration:	B-registered
	Costs for the change of ownership and / eventually deletion are for purchasers amount.
Colour / Paint System:	black hull
	white superstructure
	very well maintained
	last underwatership treatment 2016
Certificates:	no certificate requirement
Suitable for / as:	inland waterways
	recreational vessel
General information:	The ship is recognized as a Historic Vessel
	good sailing characteristics
Additional information:	forepeak with chain locker
	tug bitts
	towing hook
	bow fender
	straight hull
	Hull shape is suitable for drying out.
	Great vessel for cruising on the coastal waters.
	Great vessel for cruising on the European canals and rivers.
	Great vessel for cruising on the French canals and rivers.

## **Technical information**

Engine power:120 hpB4 WEngine brand:Bohn & KahlerRevolutions:600 RPMRevolutions:600 RPMRevolutions:4Construction year ongine:1955Fuel:dissolFuel:7 th/thx consumption of the engine at cruising speed (as declared) @ 11 km/thrsFuel:200 ltre2 steel tank(s)2 steel tank(s)Cooling system:closed0 cooling pipes00 ltre0 steel tank(s)00 ltre0 steel tank(s)14 km/hour tanking speed ta 440 RPM14 km/hour tanking speed ta 540 RPM14 km/hour tanking speed14 km/hour tanking speed ta 540 RPM14 km/hour tanking speed14 steel tank(s)00 dtse0 steery steers23 volt isone power connectionBattery steery steers23 volt isone power connectionBattery steery steers23 volt isone power connectionBattery steery steers24 volt14 whour tap part steery steers3 kv/A0 steery steers3 kv/A <t< th=""><th>E de la companya de la</th><th></th></t<>	E de la companya de la	
Engine brand:         Bohn & Kahler           Revolutions:         600 RPM           Engine model:         K118V           Number of opinders:         4           Construction year engine:         1955           Fuel:         diesel           7 Intrins consumption of the engine at cruising speed (as declared) @ 11 km/hrs           Fuel tank (approx.):         200 litre           2 stel tank(s)         200 litre           2 stel tank(s)         200 litre           Cooling system:         colosed           Cooling pipes         dy oxhaust           insulated exhaust         Propulsion:           4 blado propeller         greased lubrication of propeller shaft           Gearbox:         Rainijs hydraulic           reduction/ratio 2:1         Spoed (approx.):           1 km/hour cruising spoed at 440 RPM         14 km/hour cruising spoed at 440 RPM           14 km/hour cruising spoed at 440 RPM         13 km/hour cruising spoed at 440 RPM           13 km/hour cruising spoed at 440 RPM         14 km/hour cruising spoed at 440 RPM           13 km/hour cruising spoed at 440 RPM         13 km/hour cruising spoed at 440 RPM           14 km/hour cruising spoed at 440 RPM         13 km/hour cruising spoed at 440 RPM           200 Vol tobror power connection         200 Vol toror	Enginepower:	120 Hp
Pervolutions:         600 RPM           Engine model:         KR18V           Number of cylinders:         4           Construction year engine:         1955           Fuel:         diesal           Th/frix consumption of the engine at cruising speed (as declared) @ 11 km/trs           Fuel:         200 litre           200 litre         200 litre           200 litre         200 litre           Cooling system:         closed           Cooling system:         closed           (reduction at the system)         of y exhaust           (reduction at the system)         greased lubrication of propeller shaft           Cearbox:         Reintjes hydraulic           (reduction/ratio 2:1         11 km/hour cruising speed at 440 RPM           13 km/hour cruising speed at 540 RPM         13 km/hour cruising speed at 540 RPM           13 km/hour cruising speed at 540 RPM         13 km/hour cruising speed at 540 RPM           13 km/hour cruising speed at 540 RPM         12 / 24 / 20 Valt           20 Volt shore power connection         230 Volt shore power connection           Battery charger:         Victron MultiPlus Compact combi inverter/charger 24/1200/25           Battery isolator:         3 kVA           30 OR IPM         3 kVA           300 RPM		
Engine model:       KR18V         Number of cylinders:       4         Construction year engine:       1955         Fuel:       diesel         Fuel:       diesel         200 line       200 line         200 line       diesel         Cooling system:       diesel         0 diesel       cooling pipes         Cooling system:       diesel         0 div exhaust       insulated exhaust         Propulsion:       4 biade propeller         greased lubrication of propeller shaft       greased lubrication of propeller shaft         Gearbox:       Reintjes hydraulic         reduction/ratio 2:1       11 km/hour cruising speed at 440 RPM         14 km/hour rousing speed at 540 RPM       14 km/hour top speed         Heating:       Webasto hot air heating         on diesel       230 Volt shore power connection         Battery charger:       Victrom MultiPlus Compact combi inverter/charger 24/1200/25         Battery isolator:       battery isolator         Earth-leakage breaker:       preguru whisper diesel         Genny:       9 algor whisper diesel         Gentry:       9 algor whisper diesel         Gentry:       1 skel kn(s)         comment:       1 victron Multi		
Number of cylinders:     4       Construction year engine:     1955       Fuel:     diesel       0     7 ltr/hrs consumption of the engine at cruising speed (as declared) @ 11 km/hrs       Fuel tank (approx.):     1300 ltre       200 ltre     2 steel tank(s)       Cooling system:     closed       cooling opstem:     closed       cooling system:     closed       greased lubrication of propeller shaft     distantion       Gearbox:     reduction/ratio 2:1       Speed (approx.):     11 km/hour cruising speed at 440 RPM       14 km/hour cruising speed at 440 RPM     14 km/hour cruising speed at 440 RPM       14 km/hour cruising speed at 440 RPM     14 km/hour cruising speed at 440 RPM       14 km/hour cruising speed at 440 RPM     14 km/hour cruising speed at 440 RPM       12 / 24 / 230 Volt     ord diesel       13 km/hour cruising speed at 440 RPM     14 km/hour cruising speed at 440 RPM       14 km/hour cruising speed at 440 RPM     14 km/hour cruising speed at 440 RPM       12 / 24 / 230 Volt     14 km/hour cruising speed at 440 RPM       13 km/hour cruising speed at 440 RPM     14 km/hour cruising speed at 440 RPM       14 km/hour cruising speed at 440 RPM     14 km/hour cruising speed at 440 RPM       14 km/hour cruising speed at 440 RPM     14 km/hour cruising speed at 440 RPM       14 km/hour cruising speed at 440 RPM		
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Fuel:     desel       Y ltr/hrs consumption of the engine at cruising speed (as declared) @ 11 km/hrs       Fuel tank (approx.):     300 ltre       200 ltre     200 l		
7 Itr/hrs consumption of the engine at cruising speed (as declared) @ 11 km/hrs         Fuel tank (approx.):       100 lire         20 lire       2 steel tank(s)         Cooling system:       closed         cooling system:       closed         cooling system:       closed         dry exhaust       insulted exhaust         Propulsion:       4 blade propeller         greased lubrication of propeller shaft       greased lubrication of propeller shaft         Gearbox:       Reinigs hydraulic         reduction/ratio 2:1       reduction/ratio 2:1         Speed (approx.):       11 km/hour cruising speed at 540 RPM         14 km/hour cruising speed at 540 RPM       14 km/hour for greade lubrication of propeller shaft         Gearbox:       n diesel         Heating:       Webasto hot air heating         no diesel       230 Volt shore power connection         Battery isolator:       battery isolator         Battery charger:       Victron MultiPlus Compact combi inverter/charger 24/1200/25         Battery isolator:       battery isolator         Earth-leakage breaker:       present         Geenry:       Paguro whisper diesel         3kVA       3000 RPM         running hours (approx.) 15         Alternator: <t< td=""><td></td><td></td></t<>		
Fuel tank (approx.):     1300 life       200 lire     200 lire       20 tank (s)       Cooling system:     closed       coling pipes     diver system:       diver system:     4 blade propeller       insulated exhaust     greased lubrication of propeller shaft       Gearbox:     Reinigs hydraulic       reduction/ratio 2:1     reduction/ratio 2:1       Speed (approx.):     11 km/hour cruising speed at 440 RPM       13 km/hour cruising speed at 540 RPM       14 km/hour top speed       Heating:     Webasto hot air heating       on diesel       Electricity system:     12 / 24 / 230 Volt       230 Volt shore power connection       Batterios:     2x 230 Ah       Battery isolator:     battery isolator       Battery isolator:     pagent discupt       Genny:     Paguro whisper diesel       Genny:     3 kVA       3000 RPM     running hours (approx.) 15       Alternator:     14 volt       Inverter:     Victron MultiPlus Compact combi inverter/charger 24/1200/25       Solar panels:     1x 240 Volt       Inverter:     Victron MultiPlus Compact combi inverter/charger 24/1200/25       Solar panels:     1x 240 Walt       Fresh water tank (approx.):     15       Alternator:     14 volt <td>Fuel:</td> <td></td>	Fuel:	
200 litre       2 steel tank(s)       Cooling system:     closed       cooling pipes     dry exhaust       insulated exhaust       Propulsion:     4 blade propeller       greased lubrication of propeller shaft       Gearbox:     reduction/ratio 2:1       Speed (approx.):     11 km/hour cruising speed at 440 RPM       13 km/hour cruising speed at 540 RPM       14 km/hour troi speed       Heating:     Webasto hot air heating       on diesel       Electricity system:     12 / 24 / 20 Volt       Battery:     Volt shore power connection       Battery:     Volt shore power connection       Battery:     Voltor whilePlus Compact combi inverter/charger 24/1200/25       Battery isolator:     battery isolator       Earth-leakage breaker:     present       Genny:     Paguro whisper diesel       Solar panels:     1x 240 watt       Inverter:     Victon MultiPlus Compact combi inverter/charger 24/1200/25       Solar panels:     1x 240 watt       Fresh water tank (approx.) 15       Alternator:     24 Volt       Inverter:     Victon MultiPlus Compact combi inverter/charger 24/1200/25       Solar panels:     1x 240 watt       Fresh water tank (approx.) 15     Alternator:       I steel tank(s)     comment tank(s) <td></td> <td></td>		
2 steel tank(s)       Cooling system:     closed       cooling pipes     dy exhaut       insulated exhaust     insulated exhaust       Propulsion:     4 blade propeller       greased lubrication of propeller shaft     greased lubrication of propeller shaft       Gearbox:     Reintjes hydraulic       reduction/ratio 2:1     reduction/ratio 2:1       Speed (approx.):     11 km/hour cruising speed at 440 RPM       13 km/hour cruising speed at 540 RPM     13 km/hour cruising speed at 540 RPM       14 km/hour top speed     Heating:       on clesel     on clesel       Electricity system:     12 / 24 / 230 Volt       230 Volt shore power connection     230 Volt shore power connection       Battery charger:     Victron MultiPlus Compact combi inverter/charger 24/1200/25       Battery isolator:     battery isolator       Genny:     Paguro whisper diesel       Genny:     Paguro whisper diesel       Solor panels:     1 x 24 Volt       Inverter:     Victron MultiPlus Compact combi inverter/charger 24/1200/25       Solar panels:     1 x 24 Volt       Inverter:     Victron MultiPlus Compact combi inverter/charger 24/1200/25       Solar panels:     1 x 24 Volt       Inverter:     Victron MultiPlus Compact combi inverter/charger 24/1200/25       Solar panels:     1 x 24 Volt	Fuel tank (approx.):	
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Propulsion:       4 blade propeller         greased lubrication of propeller shaft         Gearbox:       Reintjes hydraulic         reduction/vatio 2:1         Speed (approx.):       11 km/hour cruising speed at 440 RPM         13 km/hour cruising speed at 540 RPM         Heating:       Webasto hot air heating         on diesel         Electricity system:       12 / 24 / 230 Volt         23 Volt shore power connection         Batteries:       2x 230 Ah         Battery charger:       Victron MultiPlus Compact combi inverter/charger 24/1200/25         Battery isolator:       battery isolator         Battery isolator:       present         Genny:       Paguro whisper diesel         3000 RPM       3000 RPM         numing hours (approx.) 15       Atternator:         Atternator:       24 Volt         Inverter:       Victron MultiPlus Compact combi inverter/charger 24/1200/25         Solar panels:       1 x240 Watt         Fresh water tank (approx.):       1 steel tank(s)         Webasto to water pump       eemented tank(s)         Water system:       electric water pump         Hot water system:       se photographs         Bilge pump:       meresht       se photographs		-
greased lubrication of propeller shaft           Gearbox:         Reintjes hydraulic           reduction/ratio 2:1           Speed (approx.):         11 km/hour cruising speed at 440 RPM           13 km/hour cruising speed at 540 RPM           14 km/hour top speed           Heating:         Webasto hot air heating           on diesel           Electricity system:         12 / 24 / 230 Volt           230 Volt shore power connection           Battery isolator:         battery isolator           Battery solator:         battery isolator           Battery isolator:         battery isolator           Battery isolator:         present           3000 RPM         running hours (approx.) 15           Alternator:         14 × 24 Volt           Inverter:         Victron MultiPlus Compact combi inverter/charger 24/1200/25           Solar panels:         1 × 240 Vatt           Inverter:         victron MultiPlus Compact combi inverter/charger 24/1200/25           Solar panels:         1 × 240 Vatt           Inverter:         Victron MultiPlus Compact combi inverter/charger 24/1200/25           Solar panels:         1 × 240 Watt           Inverter:         Victron MultiPlus Compact combi inverter/charger 24/1200/25           Solar panels:         1 × 240 Wa		
Gearbox:       Reintjes hydraulic         reduction/ratio 2:1         Speed (approx.):       11 km/hour cruising speed at 440 RPM         13 km/hour cruising speed at 540 RPM         14 km/hour top speed         Heating:       Webasto hot air heating         on diesel         Electricity system:       12 / 24 / 230 Volt         230 Volt shore power connection         Batteries:       2x 230 Ah         Battery charger:       Victron MultiPlus Compact combi inverter/charger 24/1200/25         Battery isolator:       battery isolator         Earth-leakage breaker:       present         Genny:       Paguro whisper diesel         3000 RPM       running hours (approx.) 15         Alternator:       24 Volt         Inverter:       Victron MultiPlus Compact combi inverter/charger 24/1200/25         Solar panels:       1 x 24 0 Wat         Inverter:       Victron MultiPlus Compact combi inverter/charger 24/1200/25         Solar panels:       1 x 24 0 Wat         Fresh water tank (approx.):       500 litre         1 steel tank(s)       cemented tank(s)         Water pressure system:       30 Ut boiler/water calorifier (230 Volt)         Holding tank (approx.):       not present, enough space to build-in	Propulsion:	
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Speed (approx.):       11 km/hour cruising speed at 440 RPM         13 km/hour cruising speed at 540 RPM         14 km/hour top speed         Heating:       Webasto hot air heating         on diesel         Electricity system:       12 / 24 / 230 Volt         230 Volt shore power connection         Batteries:       2x 230 Ah         Battery charger:       Victron MultiPlus Compact combi inverter/charger 24/1200/25         Battery isolator:       battery isolator         Earth-leakage breaker:       present         Genny:       Paguro whisper diesel         3000 RPM       3000 RPM         nunning hours (approx.) 15       Alternator:         24 Volt       11 km/s0         Inverter:       Victron MultiPlus Compact combi inverter/charger 24/1200/25         Solar panels:       1 x 240 Watt         Fresh water tank (approx.):       500 litre         1 steel tank(s)       1 steel tank(s)         Water pressure system:       30 lit boiler/water calorifier (230 Volt)         Holding tank (approx.):       not present, enough space to build-in         Heating:       see pholographs         Bilge pump:       present         Oteck wash pump:       present	Gearbox:	
Initial Section13 km/hour cruising speed at 540 RPMI 4 km/hour top speedHeating:Webasto hot air heatingon dieselElectricity system:12 / 24 / 230 Volt230 Volt shore power connectionBatteries:2x 230 AhBattery charger:Victron MultiPlus Compact combi inverter/charger 24/1200/25Battery isolator:battery isolatorEarth-leakage breaker:presentGenny:Paguro whisper diesel3 kVA3000 RPM10 muning hours (approx.) 15Alternator:24 Volt10 newter:Victron MultiPlus Compact combi inverter/charger 24/1200/25Solar panels:1 x 240 WattFresh water tank (approx.):500 litre1 steel tank(s)cemented tank(s)Water pressure system:electric water pumpHot water system:30 lit boiler/water calorifier (230 Volt)Holding tank (approx.):not present, enough space to build-inBilge pump:presentBilge pump:presentDeck wash pump:present		reduction/ratio 2:1
Heating:       14 km/hour top speed         Heating:       Webasto hot air heating on diesel         on diesel       0         Electricity system:       12 / 24 / 230 Volt         230 Volt shore power connection       230 Volt shore power connection         Batteries:       2x 230 Ah         Battery charger:       Victron MultiPlus Compact combi inverter/charger 24/1200/25         Battery isolator:       battery isolator         Earth-leakage breaker:       present         Genny:       Paguro whisper diesel         3000 RPM       3000 RPM         1000 RPM       1x 240 Volt         Inverter:       Victron MultiPlus Compact combi inverter/charger 24/1200/25         Solar panels:       1x 240 Valt         Fresh water tank (approx.):       500 litre         1 steel tank(s)       cemented tank(s)         Cemented tank(s)       cemented tank(s)         Water pressure system:       electric water pump         Hot water system:       30 It boiler/water calorifier (230 Volt)         Holding tank (approx.):       not present, enough space to build-in         Engineroom:       well maintained         see photographs       see photographs         Bilge pump:       present         With auxiliary engine </td <td>Speed (approx.):</td> <td>11 km/hour cruising speed at 440 RPM</td>	Speed (approx.):	11 km/hour cruising speed at 440 RPM
Heating:Webasto hot air heating on dieselElectricity system:12 / 24 / 230 Volt230 Volt shore power connection230 Volt shore power connectionBatteries:2x 230 AhBattery charger:Victron MultiPlus Compact combi inverter/charger 24/1200/25Battery isolator:battery isolatorEarth-leakage breaker:presentGenny:Paguro whisper diesel3 kVA3000 RPM3 kVA3000 RPMInverter:24 VoltInverter:Victron MultiPlus Compact combi inverter/charger 24/1200/25Solar panels:1x 240 VattFresh water tank (approx.):500 lire1 steel tank(s)comented tank(s)Vater pressure system:electric water pumpHot water system:30 Itr boiler/water calorifier (230 Volt)Holing tank (approx.):not present, enough space to build-inBilge pump:presentwell maintainedsee photographsBilge pump:presentbilge pump:presentPresentpresentbilge pump:presentweit auxiliary enginewith auxiliary engine		13 km/hour cruising speed at 540 RPM
Electricity system:i 2 / 24 / 230 VoltElectricity system:12 / 24 / 230 Volt230 Volt shore power connectionBatteries:2x 230 AhBattery charger:Victron MultiPlus Compact combi inverter/charger 24/1200/25Battery isolator:battery isolatorEarth-leakage breaker:presentGenny:Paguro whisper diesel3 kVA3000 RPM1000 RPMrunning hours (approx.) 15Alternator:24 VoltInverter:Victron MultiPlus Compact combi inverter/charger 24/1200/25Solar panels:1x 240 WattFresh water tank (approx.):500 lirre1 steel tank(s)1 steel tank(s)Water pressure system:electric water pumpHot water system:30 lit boiler/water calorifier (230 Volt)Holding tank (approx.):not present, enough space to build-inEngenoom:well maintainedsee photographssee photographsBilge pump:presentwith auxiliary enginepresentDeck wash pump:present		14 km/hour top speed
Electricity system:12 / 24 / 230 Volt230 Volt shore power connectionBatteries:2x 230 AhBattery charger:Victron MultiPlus Compact combi inverter/charger 24/1200/25Battery isolator:battery isolatorEarth-leakage breaker:presentGenny:Paguro whisper diesel3 kVA3000 RPM3000 RPMrunning hours (approx.) 15Alternator:24 VoltInverter:Victron MultiPlus Compact combi inverter/charger 24/1200/25Solar panels:1x 240 WattFresh water tank (approx.):500 litre1 steel tank(s)cemented tank(s)Water pressure system:electric water pumpHot water system:30 Itr boiler/water calorifier (230 Volt)Holding tank (approx.):not present, enough space to build-inEngineroom:well maintainedsee photographssee photographsBilge pump:presentpresentpresentwith auxiliary enginepresent	Heating:	Webasto hot air heating
230 Volt shore power connectionBatteries:2x 230 AhBattery charger:Victron MultiPlus Compact combi inverter/charger 24/1200/25Battery isolator:battery isolatorEarth-leakage breaker:presentGenny:Paguro whisper diesel3 kVA3000 RPMrunning hours (approx.) 15Alternator:24 VoltInverter:Victron MultiPlus Compact combi inverter/charger 24/1200/25Solar panels:1x 240 WattFresh water tank (approx.):500 litre1 steel tank(s)cemented tank(s)Water pressure system:electric water pumpHot water system:30 It boiler/water calorifier (230 Volt)Holding tank (approx.):not present, enough space to build-inEngineroom:well maintainedsee photographssee photographsBilge pump:presentwith auxiliary enginepresentDeck wash pump:present		on diesel
Batteries:2x 230 AhBattery charger:Victron MultiPlus Compact combi inverter/charger 24/1200/25Battery isolator:battery isolatorEarth-leakage breaker:presentGenny:Paguro whisper diesel3 kVA3000 RPM3 unning hours (approx.) 151000 RPMAlternator:24 VoltInverter:Victron MultiPlus Compact combi inverter/charger 24/1200/25Solar panels:1 x 240 WattFresh water tank (approx.):500 litreI steel tank(s)cemented tank(s)Water pressure system:electric water pumpHolding tank (approx.):not present, enough space to build-inEngineroom:well maintainedBilge pump:presentWith auxiliary enginepresentDeck wash pump:present	Electricity system:	12 / 24 / 230 Volt
Battery charger:Victron MultiPlus Compact combi inverter/charger 24/1200/25Battery isolator:battery isolatorEarth-leakage breaker:presentGenny:Paguro whisper diesel3 kVA3000 RPMrunning hours (approx.) 15Alternator:24 VoltInverter:Victron MultiPlus Compact combi inverter/charger 24/1200/25Solar panels:1x 240 WattFresh water tank (approx.):500 lire1 steel tank(s)cemented tank(s)Water pressure system:electric water pumpHot water system:30 lir boiler/water calorifier (230 Volt)Holding tank (approx.):not present, enough space to build-inEngineroom:well maintainedsee photographssee photographsBilge pump:presentwith auxiliary enginepresentDeck wash pump:present		230 Volt shore power connection
Battery isolator:battery isolatorEarth-leakage breaker:presentGenny:Paguro whisper diesel3 kVA3000 RPMatternator:24 VoltInverter:Victron MultiPlus Compact combi inverter/charger 24/1200/25Solar panels:1 x 240 WattFresh water tank (approx.):500 litre1 steel tank(s)cemented tank(s)Water pressure system:electric water pumpHot water system:30 ltr boiler/water calorifier (230 Volt)Holding tank (approx.):not present, enough space to build-inEngineroom:well maintained see photographsBilge pump:present with auxiliary engineDeck wash pump:present	Batteries:	2x 230 Ah
Earth-leakage breaker:presentGenny:Paguro whisper diesel3 kVA3000 RPMrunning hours (approx.) 15Alternator:24 VoltInverter:Victron MultiPlus Compact combi inverter/charger 24/1200/25Solar panels:1x 240 WattFresh water tank (approx.):500 litre1 steel tank(s)cemented tank(s)Water pressure system:electric water pumpHot water system:30 ltr boiler/water calorifier (230 Volt)Holding tank (approx.):not present, enough space to build-inEngineroom:well maintainedsee photographssee photographsBilge pump:presentwith auxiliary enginepresentDeck wash pump:present	Battery charger:	Victron MultiPlus Compact combi inverter/charger 24/1200/25
Genny:Paguro whisper diesel3 kVA3000 RPMrunning hours (approx.) 15Alternator:24 VoltInverter:Victron MultiPlus Compact combi inverter/charger 24/1200/25Solar panels:1x 240 WattFresh water tank (approx.):500 litre1 steel tank(s)cemented tank(s)Water pressure system:electric water pumpHot water system:30 Itr boiler/water calorifier (230 Volt)Holding tank (approx.):not present, enough space to build-inEngineroom:well maintainedsee photographssee photographsBilge pump:presentDeck wash pump:presentpresentpresent	Battery isolator:	battery isolator
Alternator:3 kVAAlternator:24 VoltInverter:Victron MultiPlus Compact combi inverter/charger 24/1200/25Solar panels:1 x 240 WattFresh water tank (approx.):500 litre1 steel tank(s)cemented tank(s)Water pressure system:electric water pumpHot water system:30 ltr boiler/water calorifier (230 Volt)Holding tank (approx.):not present, enough space to build-inEnginercom:well maintainedsee photographssee photographsBilge pump:presentDeck wash pump:presentpresentpresentNot water pump:presentPotek wash pump:present	Earth-leakage breaker:	present
3000 RPMrunning hours (approx.) 15Alternator:24 VoltInverter:Victron MultiPlus Compact combi inverter/charger 24/1200/25Solar panels:1x 240 WattFresh water tank (approx.):500 litre1 steel tank(s)1 steel tank(s)Water pressure system:electric water pumpHot water system:30 ltr boiler/water calorifier (230 Volt)Holding tank (approx.):not present, enough space to build-inEngineroom:well maintainedsee photographssee photographsBilge pump:presentwith auxiliary enginepresentDeck wash pump:present	Genny:	Paguro whisper diesel
Inverter:24 VoltInverter:Victron MultiPlus Compact combi inverter/charger 24/1200/25Solar panels:1x 240 WattFresh water tank (approx.):500 litre1 steel tank(s)cemented tank(s)Water pressure system:electric water pumpHot water system:30 litr boiler/water calorifier (230 Volt)Holding tank (approx.):not present, enough space to build-inEngineroom:well maintainedsee photographssee photographsBilge pump:presentwith auxiliary enginepresentDeck wash pump:present		3 kVA
Alternator:24 VoltInverter:Victron MultiPlus Compact combi inverter/charger 24/1200/25Solar panels:1x 240 WattFresh water tank (approx.):500 litre1 steel tank(s)1 steel tank(s)Water pressure system:electric water pumpHot water system:30 ltr boiler/water calorifier (230 Volt)Holding tank (approx.):not present, enough space to build-inEngineroom:well maintainedsee photographssee photographsBilge pump:presentwith auxiliary enginepresentDeck wash pump:present		3000 RPM
Inverter:Victron MultiPlus Compact combi inverter/charger 24/1200/25Solar panels:1x 240 WattFresh water tank (approx.):500 litre1 steel tank(s)1 steel tank(s)Water pressure system:electric water pumpHot water system:30 ltr boiler/water calorifier (230 Volt)Holding tank (approx.):not present, enough space to build-inEngineroom:well maintainedsee photographssee photographsBilge pump:presentwith auxiliary enginepresentDeck wash pump:present		running hours (approx.) 15
Solar panels:1x 240 WattFresh water tank (approx.):500 litre1 steel tank(s)Cemented tank(s)Water pressure system:electric water pumpHot water system:30 ltr boiler/water calorifier (230 Volt)Holding tank (approx.):not present, enough space to build-inEngineroom:well maintainedsee photographssee photographsBilge pump:presentDeck wash pump:present	Alternator:	24 Volt
Fresh water tank (approx.):500 litre1 steel tank(s)cemented tank(s)Water pressure system:electric water pumpHot water system:30 ltr boiler/water calorifier (230 Volt)Holding tank (approx.):not present, enough space to build-inEngineroom:well maintainedsee photographssee photographsBilge pump:presentwith auxiliary enginewith auxiliary engineDeck wash pump:present	Inverter:	Victron MultiPlus Compact combi inverter/charger 24/1200/25
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Image: constant (s)Water pressure system:electric water pumpHot water system:30 ltr boiler/water calorifier (230 Volt)Holding tank (approx.):not present, enough space to build-inEngineroom:well maintainedsee photographssee photographsBilge pump:presentwith auxiliary engineDeck wash pump:present	Fresh water tank (approx.):	500 litre
Water pressure system:electric water pumpHot water system:30 ltr boiler/water calorifier (230 Volt)Holding tank (approx.):not present, enough space to build-inEngineroom:well maintainedsee photographssee photographsBilge pump:presentwith auxiliary enginewith auxiliary engineDeck wash pump:present		1 steel tank(s)
Hot water system:30 ltr boiler/water calorifier (230 Volt)Holding tank (approx.):not present, enough space to build-inEngineroom:well maintainedsee photographssee photographsBilge pump:presentwith auxiliary enginewith auxiliary engineDeck wash pump:present		cemented tank(s)
Holding tank (approx.):not present, enough space to build-inEngineroom:well maintainedsee photographssee photographsBilge pump:presentwith auxiliary enginewith auxiliary engineDeck wash pump:present	Water pressure system:	electric water pump
Engineroom:       well maintained         see photographs         Bilge pump:       present         with auxiliary engine         Deck wash pump:       present	Hot water system:	30 ltr boiler/water calorifier (230 Volt)
see photographs       Bilge pump:     present       with auxiliary engine       Deck wash pump:     present	Holding tank (approx.):	not present, enough space to build-in
Bilge pump:     present       with auxiliary engine       Deck wash pump:     present	Engineroom:	well maintained
with auxiliary engine       Deck wash pump:     present		see photographs
Deck wash pump: present	Bilge pump:	present
		with auxiliary engine
24 Volt	Deck wash pump:	present
		24 Volt

Additional information:	Lister auxiliary diesel engine 7,2 Pk / Hp / Ps / cv
	air compressor
	2x air bottle

#### Accommodation

Interior:	various materials have been used
	very well maintained
	wooden floor(s)
	see photographs
Insulation:	glass wool
Cabins:	1 cabin
Berth:	Aft: 1x 2-pers
	Dinette: 1x 2-pers
Lay-out plan (not to scale):	see attachment
Bathroom:	shower
	hot & cold running water
	in 1 area together with the toilet
Toilet / Heads:	2x toilet
Galley:	along ships
Cooker:	4-burner hob
	on gas
Fridge / Refrigerator:	LG fridge / refrigerator
	230 Volt
Freezer:	freezer
	230 Volt
Washbasin:	stainless steel sink
Water tap:	hot & cold running water
Entertainment:	flatscreen TV
	digital television connection
	radio/CD player
Headroom (approx.):	foc's hole (approx.) 1,83 m
	bathroom / toilet in the front (approx.) 1,82 m
	wheelhouse (approx.) 1,86 m
	aftcabin (approx.) 1,43 m

# Navigation equipment

Navigation equipment:	Sailor RT144 VHF
	Standard Horizon Quest X GX1500E VHF with DSC
	Geonav 5 Touring chartplotter / GPS
	Seafarer 4 depth / echosounder
	rudder indicator
	horn
	navigation lights
	flashing light
	search light
	window wiper
	ships bell

# Rigging and sails

Mast:	steel
Lowerable:	yes
	manual

## Equipment

Anchor equipment:	manual anchor winch
	Klipp anchor
	anchor chain
	in hawse-hole
Safety:	2x life buoy
	fire extinguishers
Additional information:	hard wooden skylight